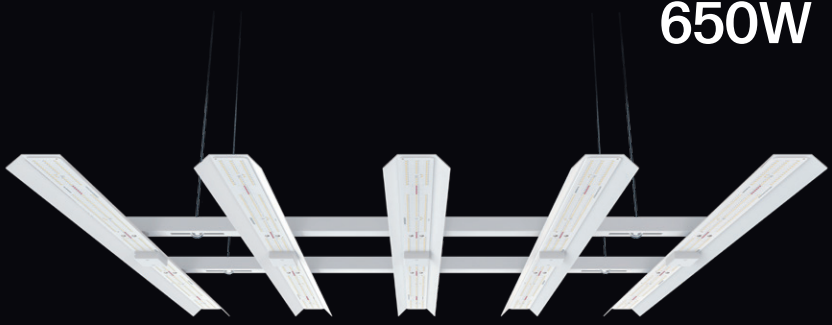
Horticulture Lighting Group®

HLG | TOMAHAWK 650W

PRODUCT MANUAL

HLG | TOMAHAWK BAR LAMP

650W



WITH Integrated

REFLECTORS

Improved Photon Delivery to the Canopy

HLG | TOMAHAWK BAR LAMP

IDEAL FOR

FULL & FLOWER CYCLES

HLG Tomahawk Bar Lamp's revolutionary design has been created specifically for high PPFD cultivation in vertical farming or low ceiling grow operations. With 650W of power and 5 bars of Full Spectrum White with Deep Red LEDs, this lamp provides a comprehensive range of light that can enhance plant growth and maximize yields.

The HLG Tomahawk boasts convenient features such as dimming capabilities, ultra-lightweight construction, and easy installation with a remote mountable driver. The integrated asymmetrical reflectors increase photon delivery resulting in higher quality yields even at lower levels of the canopy while minimizing hot spots. This improved open design allows for unobstructed airflow for more efficient ventilation, making it an ideal choice for vertical rack and tent grows. This lamp produces over 1859 PPF output with photon efficacy of 2.81 µmol/joule.

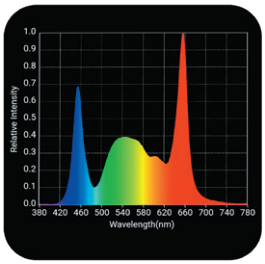
SPECIFICATIONS:

LED	Full Spectrum White & Deep Red
PPF	1920
Efficacy	2.94 µmol/joule
Voltage Range	120VAC - 277VAC : 50/60 Hz
Power	0-650 Watts
Flowering Footprint	5' X 5'
Recommended mounting height above canopy	8" - 24"
Thermal Management	Passive-Cooled Design
Max Ambient Temperature	40C (104F)
Dimming Options	0-10V Dimmable, RJ11 Straight, Wireless
Dimensions	40.75" x 40" x 2.5"
Weight	20 lbs
Warranty	5 Years*
Certifications	UL 8800, CSA, DLC pending (contact HLG)

* 5 year Warranty covers entire luminaire including LED board, Drivers and other electrical components.
Specifications based on performance at 220V. Specifications subject to change without notice.

For best results it is recommended to maintain temperature of grow room at 78° F - 85° F. *Please note, this is a high power lamp and will need to be dimmed for veg use. **When using a timer with 220V or higher, a dual pole timer is required.

SPECTRUM:



PROUDLY MADE IN AMERICA
WITH DOMESTIC AND GLOBAL PARTS

Intertek
UL 8800
Certified to CSA Std C22.2#250.0

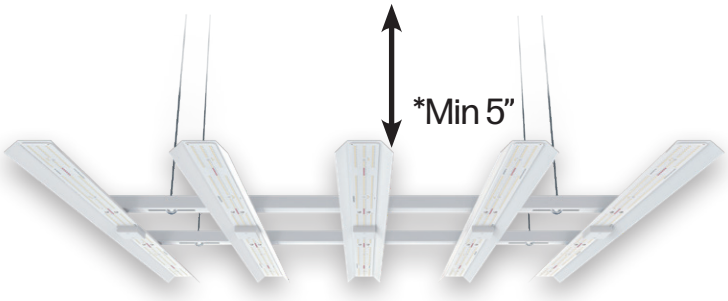
MOUNTING INSTRUCTIONS

THE HLG Tomahawk 650 IS DESIGNED FOR CHAIN OR SUSPENSION ONLY!

1. Before mounting, make sure the mounting structure can adequately support a minimum of 20 lbs.
2. Install on a non-combustible surface only
3. *Maintain a minimum of 5” from ceiling or hanging structure

If the fixture is installed closer to the hanging structure than the recommended minimum height, an active cooling device such as a fan must be in use directly on the unit to reduce excess heat to the driver. Failure to do so, may result in overheating and thermal overload.

*If using with the driver mounted on the lamp, the minimum distance from the ceiling must be 15”.



SUITABLE FOR DAMP LOCATIONS
CONVIENT AUX EMPLACEMENTS HUMIDES

FOR CHAIN OR HOOK SUSPENSION ONLY
SUSPENDRE SEULEMENT À L’AIDE DE CHAÎNES OU DE CROCHETS

CAUTION – RISK OF FIRE
ATTENTION – RISQUE D’INCENDIE

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED
CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D’INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS

*Please review the safety information in this booklet before use.

WARRANTY

Horticulture Lighting Group Products: 1 to 5 Year Limited Warranties, or otherwise stated. Please see Product Warranty relevant to the specific HLG Products for detailed information.

All Horticulture Lighting Group products are guaranteed with a limited warranty to the original purchaser. Warranty is valid for manufacturing defects or product failures only when products are properly used for their intended applications. If you experience an issue with a product, a technician from our support team may be able to diagnose the issue. Technical support is available by phone and email.

ORDER CANCELLATION

Orders canceled prior to shipping will be refunded the full cost of the order minus 3% transaction processing fee. Orders canceled after shipping but before delivery will be refunded the full cost of the order minus shipping and return fee.

RETURNS: 30-Day Money Back Guarantee!

Horticulture Lighting Group upholds the highest standard of quality for all of our products. We guarantee that the quality of all our merchandise will meet or exceed expectations. Every effort is made to ensure your merchandise is manufactured and shipped in perfect condition. But, if for any reason you are not completely satisfied with your purchase, you may return any item in its original condition within 30 days of receipt and we will gladly provide a refund, replacement, or an exchange.

If you are not satisfied with your purchase, Horticulture Lighting Group will refund the full cost of the returned item minus shipping and 10% restocking fee. If an order shipped is defective, Horticulture Lighting Group will also reimburse you for the shipping charges for the original product.

To qualify for a refund, replacement or exchange, your item must be unused and in the same condition as received and must be in the original packaging.

Our facility representatives will inspect and verify the condition of the item once it is received at HLG. Upon approval, a refund for the full cost of the returned item will be granted. If an order shipped is defective, you will also receive reimbursement for the shipping charges that apply to send the order back to us.

Under certain situations a partial refund may be granted and must be approved by Horticulture Lighting Group ONLY before any return for refund, replacement or exchange process can begin. Exceptions to the full refund include any items not in its original condition, is damaged or missing parts for any reason deemed not due to our error. We do not issue refunds for items that are returned more than 30 days after delivery.

To return or exchange an item, please follow these instructions:
Please contact us either by email or phone to receive the return instructions.

- If contacting by email: Please email warranty@hlg.com your order number, date of purchase and store where purchased and your contact information. Please include an explanation for the request for a refund or an exchange. We will then contact you by email or phone with shipping instructions.
- If contacting by phone: Please have your information ready and call us at (877) 445-4533 x4 to begin the process.

A package without proper return authorization will not be accepted for refund.

EXCHANGING ITEMS

If you prefer to exchange your item for another Horticulture Lighting Group product, please contact us to discuss your needs. The item must be in its original condition and the exchange request made within 30 days of receipt of the item. After speaking with a Horticulture Lighting Group representative, you can place a new order on the website and send back the original order for credit, or the representative may place the order for you directly and arrange return shipping. The returned light must be received before.

Concerning defective items please contact us to arrange a return. Upon receipt to HLG, the returned item will be inspected by a qualified technician who will verify that the defect was not caused by negligence, abuse, unauthorized repair or disassembly. For approved warranty exchanges of defective items, the defective items in question must be shipped back before an exchange will take place. After approval has been granted, HLG will replace the product with the same product. In the case the exact product is no longer available, a product of equal value may be substituted.

REFUNDS

The item MUST be postmarked and shipped to Horticulture Lighting Group WITHIN THIRTY(30) DAYS from the date of receipt of the order. Each item must be returned in the same condition as it was sent, unworn and undamaged. Items that have been worn and damaged due to customer negligence cannot be returned.

Any order refunded as a result of a cancellation, will be subject to a 10% restocking fee.

Once your return is received and inspected, we will send you an email to notify you that we have received your returned item. We will also notify you of the approval or rejection of your refund.

If you are approved, your refund will be processed and a credit will automatically be applied to your credit card or original method of payment, within 7 business days.

HOW LONG DOES IT TAKE TO RECEIVE A CREDIT FOR A RETURNED ITEM?

After we receive the returned item and it is inspected, we will send you an email to notify you that your returned item has been received. We will also notify you of the approval or rejection of your refund. It takes between 1 and 5 days to complete the return process. A refund or customer credit (for exchanges) will be issued within 1 to 5 business days. All refunds will be issued in the original form of payment. Please allow one monthly billing cycle for the credit to appear on your credit card statement.
Please contact us either by email or phone if you feel there is a problem or delay with the transaction.

SHIPPING

Returns may be mailed or shipped to:
Horticulture Lighting Group, 3505 Maynardville Hwy., Maynardville, TN 37807

You will be responsible for paying for your own shipping costs for returning any item not deemed to be covered under the return warranty. Shipping costs are non-refundable for wrong item purchase or changing your order. If you receive a refund, the cost of return shipping will be included in your refund or a return label will be provided. Upon approval, we will provide a shipping label via email or a label will be included in the replacement item shipment box.
Depending on your shipping address, the time it may take for your replacement or exchanged product to reach you, may vary.

If you have any questions about our products, warranty, exchange, adjustment, or return policies, please contact a Customer Service Representative at **(877) 445-4533 x4** or email **warranty@hlg.com**.

SAFETY INFORMATION

Please read this important safety information before you use the device. It contains general safety information. Follow the warning and caution information to prevent injury to yourself or others and to prevent damage to your device.



EYE EXPOSURE

1. Injury may occur if eyes are subjected to prolonged direct exposure to bright light. Wear approved eye protection for protection from UV rays, and appropriate certification compliances for LED lighting.

2. Do not use lamps in applications where humans and/or animals will be subjected to direct long-term uncomfortable visual exposure to light emissions as this could result in eye injury. If lamp appears damaged, remove power and then repair or request replacement the product.



BURN WARNING

1. Operating lamps may become hot and may involve some risk or causing fire or serious bodily injury or other damages. Use of temperature resistant gloves is recommended.
   ***Always allow sufficient time for product to cool prior to touching.**



ELECTRICAL HAZARD

1. Electrical shock hazard is always associated with the use of electrical appliances and working with electricity. Do not use if cords or plugs are damaged or with loose electrical sockets. Unsecured connections can cause electrical shock or fire. Do not touch the power cord with wet hands or disconnect from power source by pulling on the cord, as doing so may result in electrical shock. Do not bend or damage the power cord or unit wiring, as doing so may cause electrical shock or fire. User holds sole liability and responsibility for proper use, handling and installation of this product.

2. When performing any troubleshooting please disconnect the AC power and wait 30 seconds for power supply to de-energize. It is also important to follow this step before any inspection, adjustment or maintenance to lamps.



ENVIRONMENT

1. All disposal options should be evaluated with respect to federal, state, and local requirements. Before disposing of waste lamps and components, check with federal, state, and/or local officials for current guidelines and regulations.

CAUTION

Failure to comply with safety cautions and regulations can cause injury or property damage.

- Care and use your device properly. Do not use the device for anything other than its intended use.
- Damages or poor performance caused by failure to follow warnings and instructions can void your manufacturer's warranty.

DISCLAIMER

Buyer accepts responsibility for any and all grow lamps and components and any product operation that may lead to personal injury, economic loss, social distress, death or other losses including costs and damages. Horticulture Lighting Group is not responsible for misuse of any of their products. The purchaser is solely responsible for compliance with all applicable laws and regulations concerning the use of Horticulture Lighting Group products.

The information contained in this manual herein is presented in good faith and believed to be correct. No representations are made as to the completeness or accuracy thereof. Neither Preparer nor Company assumes any liability or responsibility for its use.

*Horticulture Lighting Group products are not considered to be water, liquid or chemical substance proof. Direct or over spray of liquids or chemicals due to direct or indirect contact may cause permanent and irreversible damage resulting in malfunction of the lights, or create and electrical hazard. Horticulture Lighting Group is not responsible for any misuse due to water, liquids or other contaminants and will void the warranty.

SAFETY HLG: 11/25/2020

Horticulture Lighting Group®

Achieve higher intensity and increase even coverage in a grow tent, reflective area, or cross-over by using multiple lamps.

All HLG products are tested for quality assurance prior to packaging and shipping.

PACKAGE INCLUDES

- HLG Tomahawk 650W Lamp
- Hanging hardware
- Rope Ratchets



HLG Tomahawk 650W Lamp



Rope Ratchets



Hanging hardware

Horticulture Lighting Group®

HLG | TOMAHAWK™ BAR LAMP 650W

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TAG US IN YOUR UNBOXING #HLG

SCAN HERE

www.linktr.ee/hlg_led

sales@hlg.com
contact@hlg.com

1-877-445-4533

Horticulture Lighting Group
Located in TN & OH

PROUDLY MADE IN AMERICA
WITH DOMESTIC AND GLOBAL PARTS

Manual Edition: 07/09/2023
Specifications subject to change without notice.

www.HLG.com

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